AMENDMENTS TO THE CLAIMS

The following listing of the claims shall replace all previous versions thereof.

1. (Previously Presented) A method for comparing file tree descriptions comprising:

at a computer system having a processor and a memory communicatively coupled to the processor, the memory storing a computer program, which when exectued by the processor causes the processor to operate the computer as a file tree comparator by performing the method,

obtaining a first file structure;

obtaining a second file structure;

comparing said first file structure to said second file structure;

generating a sequence log of changes that transform said first file structure to said second file structure; and

optimizing the sequence log of changes by detecting a creation operation and a deletion operation associated with the same file and replacing the creation operation and the deletion operation with a reparent operation.

2. (Original) The method of claim 1 wherein said comparing further comprises:

recursively walking said first file structure.

3. (Canceled).

4. (Original) The method of claim 1 wherein said first file structure is a file tree index.

5. (Original) The method of claim 1 wherein said second file structure is a file tree index.

6. (Original) The method of claim 1 wherein said comparing further comprises:

comparing one or more folders of said first file structure along with its children with a corresponding folder along with its children in said second file structure.

7. (Canceled)

8. (Canceled)

9. (Previously Presented) A file tree comparator comprising:

~~a first file structure configured to be obtained;~~

~~a second file structure configured to be obtained; and~~

a processor configured to operate, under instructions stored by a memory communicatively coupled to the processor, as said comparator for obtaining and comparing ~~said~~ a first file structure to ~~said~~ a second file structure; ~~and generating~~ to generate a sequence log of changes that transform said first file structure to said second file structure; and ~~optimizing~~ to optimize the sequence log of changes by detecting a creation operation and a deletion operation associated with the same file and replacing the creation operation and the deletion operation with a reparent operation.

10. (Previously Presented) The file tree comparator of claim 9 wherein comparing further comprises:

recursively walking said first file tree structure.

11. (Canceled)

12. (Original) The file tree comparator of claim 9 wherein said first file structure is a file tree index.

13. (Original) The file tree comparator of claim 9 wherein said second file structure is a file tree index.

14. (Previously Presented) The file tree comparator of claim 9 wherein comparing further comprises:

comparing one or more folders of said first file structure along with its children with a corresponding folder along with its children in said second file structure.

15. (Canceled)

16. (Canceled)

17. (Previously Presented) A computer-readable medium storing computerexecutable instructions for performing a method of comparing file tree descriptions, said method comprising:

obtaining a first file structure;

obtaining a second file structure;

comparing said first file structure to said second file structure;

generating a sequence log of changes that transform said first file structure to said second file structure; and

optimizing the sequence log of changes by detecting a creation operation and a deletion operation associated with the same file and replacing the creation operation and the deletion operation with a reparent operation.

18. (Previously Presented) The computer-readable medium of claim 17, wherein comparing further comprises:

recursively walking said first file structure.

19. (Canceled)

20. (Previously Presented) The computer-readable medium of claim 17 wherein said first file structure is a file tree index.

21. (Previously Presented) The computer-readable medium of claim 17 wherein said second file structure is a file tree index.

22. (Previously Presented) The computer-readable medium of claim 17 wherein comparing further comprises:

comparing one or more folders of said first file structure along with its children with a corresponding folder along with its children in said second file structure.

23. (Canceled)

24. (Canceled)